

CLEC Name _____

Page ____ of ____

☐ End User Main Account # (_____) _____
☐ Additional Telephone Line Number (_____) _____

 PON _____ VER _____
 BellSouth Order # _____
Line and Line Features

In Out

Public Access Line

- ☐ ☐ Flat Rate
☐ ☐ Usage Based Pricing
 Type _____
☐ ☐ Measured Rate
 Type _____
☐ ☐ Message Rate
 Type _____

SmartLine

- ☐ ☐ Flat Rate
☐ ☐ Usage Based Pricing
 Type _____
☐ ☐ Measured Rate
 Type _____
☐ ☐ Message Rate
 Type _____

☐ ☐ Touch Tone
Other

- ☐ ☐ _____
☐ ☐ _____
☐ ☐ _____
☐ ☐ _____

Long Distance Carrier**IntraLATA**
☐ ☐ PIC Freeze - intraLATA (N)
InterLATA
☐ ☐ PIC Freeze - InterLATA (N)
Optional Calling Plan

WatsSaver (Y/N) _____

Type (If yes) _____

Inside Wiring and Jacks

In Out

☐ ☐ Inside Wire Maintenance Plan
Flat Rate Schedule

Quantity

- _____ Jacks & Wiring for Wall Sets,
 Exposed Wiring
 _____ Jacks & Wiring for Baseboard
 Sets, Exposed Wiring
 _____ Jacks for Wall Sets, Wiring in
 Place
 _____ Jacks for Baseboard Sets, Wiring
 in Place
 _____ Other - Specify _____

Time & Materials Schedule

- _____ Locations - Rewire Existing
 Jack for Additional Line
 _____ Jacks & Wiring for Wall Sets,
 Concealed Wiring
 _____ Jacks & Wiring for Baseboard
 Sets, Concealed Wiring
 _____ Connect Wire from Mobile
 Home to Service Pole
 _____ Move Outside Drop Wire to
 Network Interface
 _____ Locations - Move Inside Jack
 Wire to Network Interface
 _____ Other - Specify _____

Equipment Information

In Out

- ☐ ☐ Coin
☐ ☐ Coinless
☐ ☐ Facsimile
 ☐ Voice
 ☐ Voiceless (No. Carolina Only)
☐ ☐ Set Location
 ☐ Inside
 ☐ Outside
 ☐ Outside away from Building
☐ ☐ Remote Call Forwarding
 Forward To # _____
☐ ☐ Change Forward To # _____
 Change RCF From:
☐ ☐ Local to Toll
☐ ☐ Toll to Local
☐ ☐ Add (#) _____ RCF Paths
☐ ☐ Delete (#) _____ RCF Paths

Features and Services

In Out

Line Information

- ☐ ☐ Unrestricted
☐ ☐ Restricted Line A - 1+900, 1+DDD,
 976, & 7-D Local Blocked
☐ ☐ Restricted Line B - 1+900, 1+DDD,
 & 976
☐ ☐ Two-Way
☐ ☐ Outward
☐ ☐ 900 & 976 Blocking
 (Optional except in Florida)
☐ ☐ International Call Blocking
 (Optional in NC and states with
 unrestricted lines. May be
 included in line option selected.)
☐ ☐ Operator Screening
 (Optional but may be included in
 the line option selected.)
☐ ☐ Inmate Service
☐ ☐ Billed Number Screening
 (Optional. In SC only may be
 included in line option selected.)

Supplemental Local Service Request - Payphone Access Line/SmartLine After Firm Order Confirmation

Date ____/____/____

Page 1 of ____

A. Competitive Local Exchange Company

Co/OCN _____ PON _____ VER _____ RPON _____

Issued By _____ Telephone # (____)____-____-____ Project _____

Remarks _____

FAX # (____)____-____-____

B. Action Requested and Remarks

C. End User

Account Number (____)____-____-____ BellSouth Order # (s) _____ Current Due Date ____/____/____

Other Line Numbers (____)____-____-____ (____)____-____-____ (____)____-____-____

Other Line Numbers (____)____-____-____ (____)____-____-____ (____)____-____-____

D. Firm Order Confirmation

BellSouth Order # _____ BellSouth Order # _____ BellSouth Order # _____

Assigned # (____)____-____-____ Assigned # (____)____-____-____ Assigned # (____)____-____-____

Order Due Date ____/____/____ Order Due Date ____/____/____ Order Due Date ____/____/____

BellSouth Service Rep _____ Tel # _____ Remarks _____

Premises Visit (Y/N) _____ Time Scheduled _____ Blg. Acct. _____

Not all 'Line and Line Features' or 'Features and Services' apply in every state.

DENIAL AND RESTORAL PROCEDURES - PAYPHONE ACCESS LINE/SMARTLINE

Requests to Deny, Restore or Disconnect (after a denial only) local service for CLEC end users are processed separately from the LSR. Both Residence and Business telephone numbers can be included on one Denial and Restoral form.

These requests must be received in the LCSC no later than 3:00 PM, Monday - Friday in order to insure that the order can be processed on the same day it is received.

The forms are completed by the **Competitive Local Exchange Company (CLEC)** and faxed or mailed to the **Local Carrier Service Center (LCSC)** for processing. The LCSC will provide a Firm Order Confirmation as notification of order issuance and confirmation of the work due date.

Restrictions

Service is **not normally** denied on:

- **Fridays, Saturdays and Sundays**
 Additionally, in Alabama, Louisiana, Tennessee and Mississippi,
 only business lines may be denied on Fridays.
- **Holidays or the day before a Holiday**

Denial and Restoral Procedures - Payphone Access Line/SmartLine (continued)

The denial, restoral or disconnects after a denial requests are issued separately from the LSRs to facilitate prompt identification of these requests and timely processing of the orders.

Following are definitions for requested data on the BellSouth Denial/Restoral form.

Date : The date the CLEC submits the Denial/Restoral form to the LCSC.

Page 1 of ____ : Enter the appropriate page #s at the top of each page of Denial/Restoral requests submitted.

A. - Competitive Local Exchange Company

Co/OCN: The Company Name and 'Operating Company Number" for the CLEC submitting the Denial/Restoral.

Issued By: The name of the person completing the Denial/Restoral form.

Telephone Number: The telephone number of the person completing the Denial/Restoral form.

Remarks: Available for the issuer to provide any additional information that would assist in order processing.

FAX #: The CLEC's fax number for receipt of the Firm Order Confirmation.

Denial and Restoral Procedures - Payphone Access Line/SmartLine (continued)**B. - Action Requested**

PON: The CLEC Purchase Order Number. This number may be up to thirteen (13) alpha numeric characters.

Main Account Telephone Number: The end user main account telephone number.

Main Account Listed Name: The listing for the main account telephone number must be provided here as a double check to insure the correct number is accessed for this activity.

Check Deny or Restore Service: Check the appropriate block to indicate whether the telephone line number should be denied or restored.

Disconnect Service after Denial: Check this block if the telephone service should be disconnected. If the disconnection is not related to denial of service, the LSR for the appropriate service (residence or business) should be completed.

Telephone Number, if Different from Main Account Number: If the number being denied, restored or disconnected is not the main account number, enter the number(s). When the entire account should be denied, restored or disconnected, list all the additional telephone numbers associated with the account.

Requested Due Date: The date the CLEC is requesting the activity be completed.

The next two (2) columns are to be completed by the BellSouth LCSC.

BellSouth Order Number: The BellSouth internal order number. This number will be required for tracing the request should there be a need for subsequent activity.

Order Due Date: The date the requested activity is scheduled to be performed.

Note 1: Normal Billing for all end user services will continue while the service is in the denied status.

Note 2: If the order is received in the LCSC before 3:00 PM today, the order will be issued with a due date of today. If the order is issued after 3:00 PM today, the order will be issued with a due date of the next business day.

C. - Firm Order Confirmation

BellSouth Service Representative: The name of the BellSouth LCSC employee who is responsible for processing the order and firm order confirmation.

Telephone Number: The telephone number of the BellSouth LCSC employee.

Remarks: Available for the BellSouth LCSC employee to provide any additional information required.

April, 1997

Page 1 of 1

IN _____ Issued By _____ Telephone # (_____) _____
/ks

FAX # () -

[illegible]

Full Billing for all services continues while the account is in denied status.

BellSouth Service Rep	Tel #: 800-872-3116	Remarks
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RESERVING TELEPHONE NUMBERS - PAYPHONE ACCESS LINE/SMARTLINE

Reserving Telephone Numbers for End User Assignment

As an option, CLECs may choose to reserve a pool of numbers which will allow the "pre- assignment" of numbers for end users. Telephone numbers may be reserved by submitting a Number Reservation Request. The form and instructions for completion are provided in this section. Prints of the reserved telephone numbers (example included in this section) will be returned to the CLEC by fax.

A maximum of 100 telephone numbers per CLLI (Common Language Location Identifier) may be reserved for a maximum of three months. It is up to the CLEC to manage their pool of numbers so as to prevent duplicate number assignments and monitor the reserved numbers for exhaustion. Additional numbers can be requested as required.

The CLEC may assign a reserved telephone number as appropriate during negotiations with end users. However, the CLEC must advise the end user that the number cannot be guaranteed until service is installed.

Note:

Reserved numbers are not permanently assigned to an CLEC. As numbers are freed up by end user activity, they will be returned to the general purpose pool which is controlled by BellSouth.

Special Considerations

Some end user locations are served by multiple switches which may support different services. It is the CLEC's responsibility to take this into consideration when assigning a telephone number.

At times, it is necessary for BellSouth to introduce a 'switch freeze' for switch replacement activity. When this happens, number reservation in BellSouth systems is disallowed.

Some switches serve multiple local calling areas. The LCSC will have a list of these exceptions, for proper administration of number reservations.

Reserving Telephone Numbers - Payphone Access Line/SmartLine (continued)

The Telephone Number Reservation Request is designed to reserve blocks of telephone numbers associated with specific CLLI (Common Language Location Identifier) codes.

A copy of the request form follows these instructions. Following are definitions for the requested data.

Date: The date the CLEC submits the Number Reservation Request to the LCSC.

Page 1 of _____: Enter the appropriate page #s at the top of each Number Reservation Request form submitted.

A. - Competitive Local Exchange Company

Co/OCN: The Company Name and 'Operating Company Number' for the CLEC submitting the Number Reservations Request.

FAX #: The CLEC's fax number for receipt of the reserved numbers.

Requested By: The name of the person completing the Number Reservations Request who is responsible for coordination of the request and any related questions.

Tel #: The telephone number of the person submitting the Number Reservation Request.

Remarks: Available for the issuer to provide any additional information that would assist in processing the request for number reservation.

☐ **Disk Requested?:** Check this box if you desire to have the reserved telephone numbers file(s) mailed to your office on a 3 1/2 inch floppy disk. The disks are in Microsoft Word v.6.

If Yes, Mailing Address: The disk will be mailed to the address provided here to the attention of the person submitting the telephone number reservation request.

Reserving Telephone Numbers - Payphone Access Line/SmartLine (continued)

B. - Reservation Request Details

CLLI: 11 Alpha/Numeric Character Common Language Location Identifier code.

Number to Reserve: A maximum of 100 telephone numbers can be reserved at a time.

Reserve Until Date: Telephone numbers can be reserved for up to three (3) months.

Confirmation Number: This field will be completed by LCSC. The Confirmation Number will be found on the printout with numbers reserved for the designated CLLI.

Number Reserved: This field will be completed by LCSC, if required. It will only be populated if LCSC was unable to completely fill your request.

Reserve Until Date: This field will be completed by LCSC, if required. It will only be populated if LCSC was unable to reserve the numbers for the period of time requested.

C. - Reservations Provided By

BellSouth Service Representative: The name of the BellSouth Local Carrier Service Center (LCSC) employee who is responsible for providing the CLLI code telephone number reservations.

Telephone Number: The telephone number of the BellSouth Service Representative.

Remarks: Available for the BellSouth Service Representative to provide any additional information required.

BELLSOUTH NUMBER RESERVATION REQUEST - PAYPHONE ACCESS LINE/SMARTLINE

Page 1 of _____

A. Competitive Local Exchange Company

FAX # ()- -

Tel # () - -

Remarks _____

☐ Disk Requested? If yes, mailing address: _____

B. Reservation Request Details

[illegible]

B. Reservations Provided By

BellSouth Service Rep _____ **Tel #** _____

Remarks

Telephone Number Reservations - Payphone Access Line/SmartLine

Sample of Faxed Print or Disk File

C O SWITCH: RSWLGAMADS1
 CONFIRMATION NUMBER: 73D4E9G
 CUSTOMER NAME: AUDIO COMMUNICATIONS
 CUSTOMER TN: 770-451-0883

NPA NXX-LINE	DATE	CONFM #	CUSTOMER NAME	CUSTOMER TN	ORIG?
770 645-0471	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-0792	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-0859	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-1085	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-1097	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-1101	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-1106	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-1325	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-1527	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-2180	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-2263	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-2360	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-2390	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-2462	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-2551	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-3156	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-4320	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-4635	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-4679	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-5231	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-6565	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-7258	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-7928	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-8942	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-8971	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-9683	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	
770 645-9857	08/14/96	73D4E9G	AUDIO COMMUNICATIONS	770 451-0883	

**Payphone Access Line
Information Package**

Payphone Access Line

1. Service Description

A Payphone Access Line is an exchange line service provided to work with an Independent Payphone Provider's (IPP) telecommunications equipment and is accessible for the general public's local and long distance calling.

A. Service Features

The Payphone Access Line provides the same exchange line functionality as the business or residence exchange line with additional provisioning options. As outlined in the state specific tariffs, service features providing for two-way service, outward only service, unrestricted line, restricted line, and other various call blocking and screening functions are available with the Payphone Access Line.

B. Service Capabilities

The CLEC should ensure their IPP end user customers, utilizing resold IPP services, are certified in each state where appropriate, as required by the state PSC's.

2. Tariff References/Price List References

BellSouth's Payphone Access Line is provided in each state's General Subscriber Service Tariff, Section A7.4. The various provisioning options for the Payphone Access Line and their associated charges are also provided in this section of the tariff.

3. Installation Intervals

Normal IPP installation intervals will be applicable.

4. Ordering Guidelines/Handoff Package

Following are the forms required to submit an order to the LCSC:
(These forms are *not* the standard OBF LSR form)

BellSouth Local Service Request - Payphone Access Line/SmartLine
Supplemental Local Service Request - Payphone Access Line/SmartLine
BellSouth Denial/Restoral - Payphone Access Line/SmartLine
BellSouth Number Reservation Request - Payphone Access Line/SmartLine

Copies of the forms to be used, with line by line instructions, are included in this section.

SmartLine® Service

Information Package

SmartLine® Service

1. Service Description

SmartLine® Service provides the Independent Payphone Provider (IPP) with coin line functionality (smart line) when connected to an IPP's payphone equipment (dumb set).

A. Service Features

SmartLine® Service provides standard dial tone first coin line for customer provided pay telephones. SmartLine® Service is available from central offices where facilities are available. The service is provided on a two way or one way basis, dependent upon the state tariff, and includes operator call screening, billed number screening, and coin signaling (coin collect and coin return). The service will provide end users the ability to dial certain calls without requiring coin deposits, e.g. 911, emergency calls, local directory assistance, and non-sent paid calls. International call blocking is also available. Central Office blocking of 900 and 976 will be provided.

B. Service Capabilities

The CLEC should ensure their IPP end user customers, utilizing resold IPP services, are certified in each state where appropriate, as required by the state PSC's.

2. Tariff References/Price List References

BellSouth's SmartLine® Service is provided in each state's General Subscriber Service Tariff, Section A7.8. The various provisioning options for the SmartLine® Service and the applicable charges are also provided in this section of the tariff.

3. Installation Intervals

Normal Installation intervals are applicable.

4. Ordering Guidelines/Handoff Package

Following are the forms required to submit an order to the LCSC:

- BellSouth Local Service Request - Payphone Access Line/SmartLine
- Supplemental Local Service Request - Payphone Access Line/SmartLine
- BellSouth Denial/Restoral - Payphone Access Line/SmartLine
- BellSouth Number Reservation Request - Payphone Access Line/SmartLine

(These forms are *not* the standard OBF LSR form)

Copies of the forms to be used, with line by line instructions, are included in this section..

(This information is provided solely as a convenient reference for BellSouth customers. While BellSouth believes information contained herein to be consistent with applicable tariffs, the tariff shall prevail in any instance in which an inconsistency may exist.)

TAB 49

Area Plus®
Area Plus® with Complete ChoiceSM
Complete ChoiceSM
INFORMATION PACKAGE

(This information is provided solely as a convenient reference for BellSouth's customers. While BellSouth believes information contained herein to be consistent with applicable tariffs the tariffs shall prevail in any instance in which an inconsistency may exist.)

A. Basic Service Feature -

Area Plus [®]	(GSST Section A3)
Area Plus [®] with Complete Choice SM	(GSST Section A3)
Complete Choice SM	(GSST Section A3)

Area Plus includes a local fat rate residential line with unlimited calling in an expanded local calling area. The expanded calling area is state specific. Touchtone service is included with the telephone service. It will be important to review each state tariff concerning specifics about a state's Area Plus local calling scope.

Complete Choice includes a local flat rate residential line and the customer's choice of calling features: Call Waiting, Caller ID, Anonymous Call Rejection, Call Return, Three-Party Calling, Flexible Call Forwarding, Call Forwarding, Call Waiting Deluxe, Caller ID Deluxe, Message Waiting Indication, Call Forwarding Don't Answer, Call Forwarding Busy Line, Block, Repeat Dialing, RingMaster Service, Call Tracing, Speed Calling, Preferred Call Forwarding, Call Selector, Remote Access to Call Forwarding and Customized Code Restriction. Touchtone service is included in the telephone service.

Complete Choice is different in North Carolina because of the new mandatory statewide expanded calling plan. Complete Choice will have a 40 mile calling scope that includes flat rate basic serving area (BSA) and an expanded serving area (ESA) that is usage based. Calls terminating in the ESA will be billed usage.

Area Plus with Complete Choice combines Area Plus and Complete Choice into a premium flat rate local telephone service with the customer's unlimited choice of compatible va added services. Touchtone service is included in the telephone service. The calling scope for Area Plus with Complete Choice will be the same as for Area Plus. See the appropriate state tariff concerning specifics about the state Area Plus with Complete Choice local calling scope.

Subscribers to Area Plus with Complete Choice in Georgia, Florida, Kentucky and Tennessee receive a 30% automatic discount on rates specified in Tariff A18.3. This discount applies to BellSouth covered customer dialed sent paid intraLATA/IntraState toll calls originated from the subscriber's service; to covered 0+ Calling Card calls including Operator surcharges, and on 0+ collect calls accepted by the Area Plus subscriber including the Operator Surcharges. See Tariff A3.2 and A18.3 for specific details.

2. Tariff References

NRC (non-recurring charge): Service charges specified in A4 are applicable for the installation of new lines at the subscriber's premises. These charges are not applicable for subscribers who wish to convert an existing line to Area Plus, Area Plus with Complete Choice or Complete Choice.

3. Installation Intervals:

Normal Installation Intervals	Yes <u> x </u>	No <u> </u>
Project Coordination Required	Yes <u> </u>	No <u> x </u>

4. Service Inquiry & Ordering Guidelines:

Following are the forms required to be submitted to the LCSC for order issuance:

- Local Service Request Form
- End User Information Form
- Resale Service Form

Copies of the forms with line-by-line instructions are located in the Resale Ordering Guide

TAB 50

LightGate®

CLEC Information Package

LightGate®

CLEC Information Package

Service Description

LightGate® service is offered as a premises to serving central office bulk access facility. It may be interconnected in the BellSouth central office to other BellSouth services including:

- MegaLink®,
- Voice Grade Private Line,
- Exchange Network Access, and,
- SynchroNet®

LightGate® service may also be interconnected to other LightGate® services to provide premises to premises optical connectivity.

LightGate® service is available where appropriate digital facilities can be made available as determined by BellSouth.

Channelization is provided by LightGate® 1 and 2 systems and D type channel banks which are offered in various system capacities. Individual Voice Grade channel services are encoded in these high capacity channels and may be provided as individual services again by utilizing D type Channelization systems and associated feature activation equipment. The CLEC may channelize all or part of a LightGate® service package to activate voice and data channels as well as other LightGate® services.

All LightGate® service in a package must be channelized in a single equipment location on a premises. A package cannot be split between premises or multiple locations within a premises.

LightGate® service local channels and/or interoffice channels may be used for network exchange access, analog data channels, and digital data services.

LightGate® service interoffice channels are provided as individual DS3 capacity systems

Components of The Service

The primary components of the LightGate® System can be broken down into four major groups:

- Lightguide or optic fiber cable
- Fiber optic terminals (transducers)
- DSX-3/DSX-1 multiplexer equipment
- DCS and T-carrier channel banks

The network architecture for LightGate® is built upon electrical specifications for DS3, DS1, and DS0 channels. DS3 electrical parameters are the centerpiece for this service. Electrical signals are the accepted standards upon which service can be provisioned and maintained.

LightGate® Service is structured with two system capacities for IntraLATA service:

- **LightGate® 1** provides a single DS3 local channel or up to twenty-eight integrated DS1 channel interfaces.
- **LightGate® 2** - provides up to three DS3 local channels or up to eighty-four integrated DS1 channel interfaces.

System size	Speed/ Capacity	DS3 Equivalent	DS1 Equivalent	DS0 Equivalent
*LGS1	45 Mbps	1	28 X DS1	672
*LGS2	135 Mbps	3	84 X DS1	2016

A customer is expected to subscribe to one of these basic packages and then tailor the system to meet the specific need by ordering DS3 or DS1 interfaces and Channelization.

Channelization via plug-ins provides the same capability offered to derive individual analog and digital channels in MegaLink® Channel Service (MLCS). Like MLCS, LGS architecture is modular because it is provided on a link (partial channel), which is connectable to other services.

***LGS = LightGate System**

This information is provided solely as a convenient reference for BellSouth's Customers. While BellSouth believes information contained herein to be consistent with applicable Tariffs, the Tariffs shall prevail in any instance in which an inconsistency may exist.

LightGate® 1 System (one DS3 channel) provides a basic 44.736 Mbps data rate capacity. Each output DS1 channel can support a digroup (D4-type channel bank) to transport 24 DS0 channels. A LightGate® system can support a total of 672 channels.

LightGate® 2 System (three DS3 channels) offers three times the capacity of a LightGate® 1 system by providing 3 DS3 electrical channels. DS3 and DS1 channels can be provided at the same time. A DS3/DS1 multiplexer makes the DS1 rate possible. Each output DS1 can support 24 DS0 channels, for a total of 2,016 voice grade channels that may be provided in a LightGate® 2 system.

LightGate® Interoffice Channel Systems

LightGate® Interoffice Channel systems are only provided in combination of LightGate® System 1 (1-DS3) channel between BellSouth central offices. These systems are used to extend the LightGate® service local channels to other central offices or to be provided on a stand-alone basis when connected to FlexServ® service, SMARTRing® service, and hubbing applications at voice grade service levels when not directly connected to LightGate® service local channels.

Tariff Reference

LightGate® Service is available in all BellSouth service areas except North Carolina and South Carolina.

The LightGate® Service Tariff is located in section B7 of each of the other State Private Line Service Tariffs.

Installation Intervals

Normal Installation intervals	<u>NO</u>
Project Coordination Required	<u>YES</u>

Service Inquiry and Ordering Guidelines

For all initial or subsequent order activity on LightGate® Service, contact your BellSouth CLEC account team.

Account Team.

This information is provided solely as a convenient reference for BellSouth's Customers. While BellSouth believes information contained herein to be consistent with applicable Tariffs, the Tariffs shall prevail in any instance in which an inconsistency may exist.

LIGHTGATE® SERVICE

General Description

LightGate® service is a fiber optics-based DS3 level service designed to provide large communications-intensive customers with high capacity connection to the central office (CO). These major customers have communication needs that are large, varied (voice and data) and growing.

- IntraLATA private line and Special Access fiber optic-based service
- Basic LightGate service has DS1 (1-544 Mbps) and DS3 (44.736 Mbps) electrical interface with the customer
- Provides local channels and/or interoffice channels for:
 - Network access
 - Special Access (intra and interstate)
 - Foreign exchange
 - ESSX® service station lines off-premises stations
 - Tie lines
 - WATS lines
 - Analog data channels
 - Digital data services (at 2.4, 4.8, 9.6, 56 Kbps, 1.544 Mbps and 44.736 Mbps data rates)
- Provides Channelization. This is the capability to transport multiple, individual voice equivalent circuits over a single LightGate service facility. Channelization is provided via multiplexers (D-type channel banks) in the central office. All, part or none of a LightGate service channel may be channelized.
- LightGate service (intraLATA private line) is available in two basic system capacities: LightGate 1 and LightGate 2.
- LightGate service (FCC No. 1 Special Access) is available in four system capacities: LightGate 1, LightGate 2, LightGate 3 and LightGate 4.

The following cross reference is intended as a guide to digital terms which are used in this section.

<u>Transmission Data Rate</u>	<u>Equivalent Qty. of DS1 Ch.</u>	<u>Equivalent Qty. of DS3 Ch.</u>	<u>Equivalent Qty. of Voice Ch. (DSO)</u>
DS1 (1.544 Mbps)	1	-	24
DS3 (44.736 Mbps)	28	1	672
3XDS3 (135.264 Mbps)	84	3	2016

LightGate 1 service (Private Line) has a maximum system capacity of a single DS3 (44.736 Mbps). DS3 and DS1 electrical interfaces are available. In addition, multiplexed DSO channels can be accommodated via D-type channel banks.

LightGate 2 service (Private Line) provides all the capabilities of LightGate 1 service and can extend the service capacity to three times that of LightGate 1. (LightGate 2 provides three times the capacity of a DS3). Additional multiplexer rate elements are necessary to provide DS1 channelization.